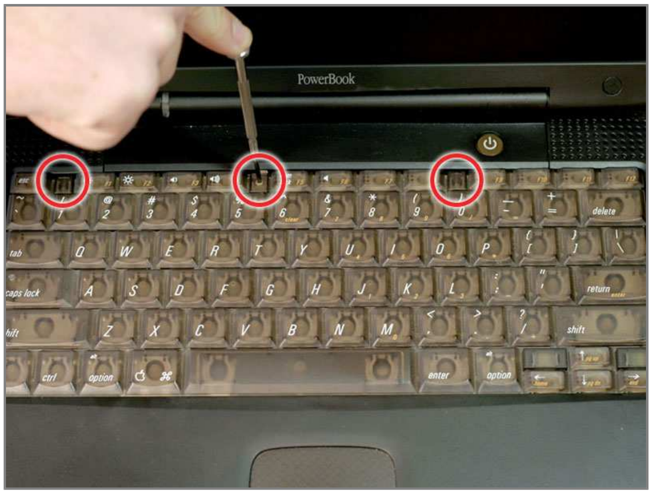
Installing PowerBook G3 Pismo RAM

Tools used in this guide

- Anti-Static Wrist Strap
- Phillips #0 Screwdriver
- Spudger
- T8 Torx Screwdriver

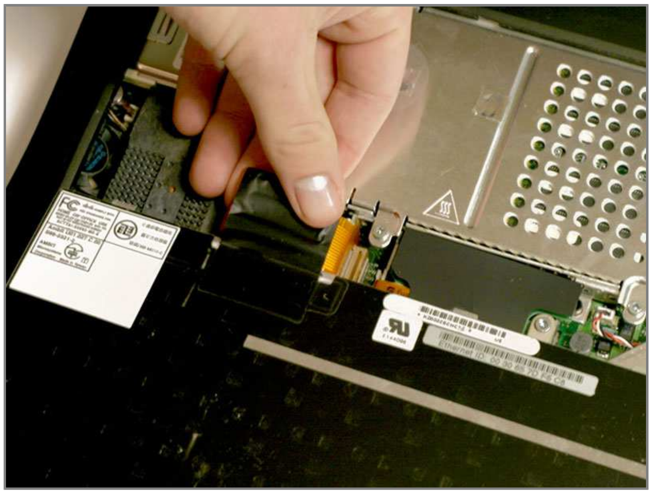
Parts relevant to this guide

- PC133 256 MB RAM Chip
- PC133 512 MB RAM Chip



Step 1 - Keyboard

- Turn the keyboard locking screw so that it is parallel to the space bar.
- Pull the keyboard release tabs toward you and lift up on the keyboard until it pops free.
- Lift the keyboard out by pulling it up and away from you. Rest the keyboard, face down, on top of the track pad.



Step 2

- Pull the keyboard ribbon straight up from the logic board. Place the keyboard aside.
- The connector may be tight. Gently rock the connector from side to side while pulling directly upward to free it. You can use this technique on many of the cards and cables you'll be disconnecting.
- Make sure you have removed the laptop battery and CD/DVD modules from the expansion bays before proceeding.



Step 3

- Your laptop should look approximately like this.



Step 4 - Heat Shield

- Remove the two silver Phillips screws that attach the heat shield to the internal metal framework.
- Lift the heat shield up and pull it toward you.



Step 5

- Your laptop should look approximately like this.



Step 6 - Airport Card

- Skip this step if your computer does not have an Airport card installed.
- Firmly grasp the plastic tab attached to the Airport card and pull up and then to the right.
- The Airport card is still attached to the antenna cable, so don't just yank it out of the slot.



Step 7

- Disconnect the antenna cable from the Airport card.



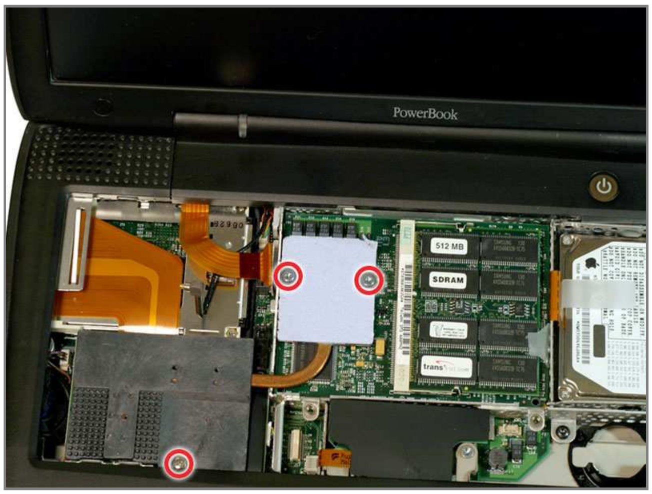
Step 8 - PRAM Battery

- Pull the battery cable directly up from the logic board.
- Remove the battery from its holder by pulling up and to the left.



Step 9

- Your laptop should look approximately like this.



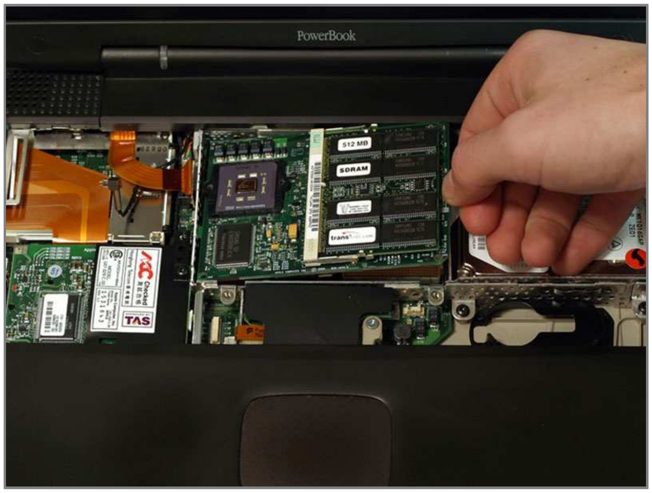
Step 10 - Heat Sink

- Remove the long silver Phillips screw from the heat sink.
- Remove the two T8 Torx screws that attach the heat sink to the processor.



Step 11

- Lift the heat sink up from the left side and pull it out.
- If you need to mount the heat sink back into the laptop, we have a [thermal paste guide] that makes replacing the thermal compound easy.



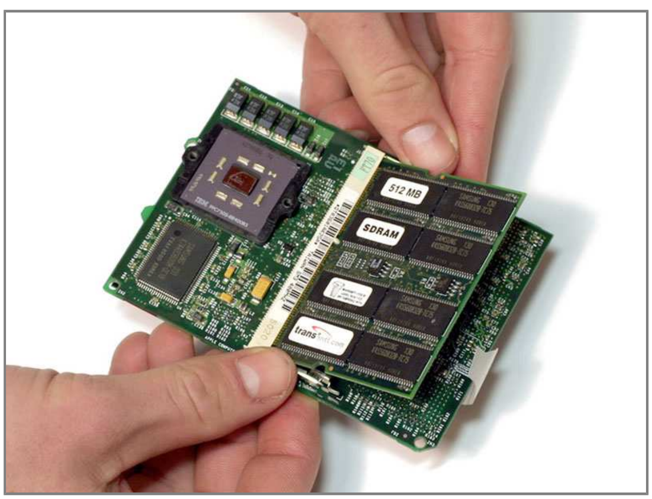
Step 12 - Processor

- Grasp the plastic tab on the processor's right side and pull it directly up.
- Some processors may be missing the plastic pull tab. In this case, we suggest using a non-metal tool to gently pry up the processor. Slip the tool's thin edge under the front right corner of the processor and carefully pry it up.



Step 13

- Your laptop should look approximately like this.



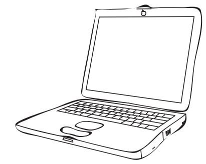
Step 14 - RAM

- Release the tabs on each side of the RAM chip at the same time. These tabs lock the chip in place and releasing them will cause the chip to "pop" up.
- Pull the RAM chip out.
- There are RAM slots on both sides of the processor. We recommend installing higher capacity chips on the bottom so that if you want to upgrade later, you won't have to remove the processor.

iFixit Mac Parts & Upgrades

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G3 Pismo Screw Guide



Heat Shield
2 Phillips

Heat Sink
2 T8 Torx

Heat Sink
1 Phillips

Modem
1 T8 Torx

HD Replacement
4 T8 Torx

Inverter
1 T8 Torx

Display
4 T8 Torx

To organize your screws, simply place each screw in the appropriate box as you remove them from your laptop.

If you are not planning on immediately reassembling your laptop, you may want to tape the screws to this paper.

Due to model variations, the screws you remove may differ slightly from this guide.

Upper Case (top)
4 T8 Torx

Upper Case (top)
1 T8 Torx

Upper Case (top)
5 T8 Torx

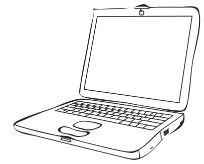
Upper Case (bottom)
5 T8 Torx

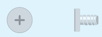
Upper Case (bottom)
2 T8 Torx

Power Card
2 T8 Torx

Framework
2 T8 Torx

G3 Pismo Screw Guide





PC Card Cage
2 Phillips



PC Card Cage
2 Phillips